

## Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.04.2025

Version number 12 (replaces version 11)

Revision: 14.01.2025

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name: weberepox easy, Component Resin

Safety data sheet no.: XXP015009-a

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

The product is intended for professional use only.

**Application of the substance / the mixture** Epoxy resin grout and adhesive

#### Uses advised against

Not intended for consumer use, as this use is not covered by the exposure scenarios of some of the components.

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

Saint-Gobain Byggevarer as  
Sandstuveien 68  
Postboks 6211 Etterstad  
0603 Oslo  
Norway

Phone: +47 41 63 50 46  
teknisk@weber-norge.no

#### 1.4 Emergency telephone number:

GIFTINFORMASJONSSENTRALEN (Norwegian Poison Information Centre): +47 22 59 13 0

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Irrit. 2            H315 Causes skin irritation.

Eye Irrit. 2            H319 Causes serious eye irritation.

Skin Sens. 1            H317 May cause an allergic skin reaction.

Aquatic Chronic 3    H412 Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

##### Hazard pictograms



GHS07

**Signal word** Warning

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EUG

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**Hazard-determining components of labelling:**

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane  
 Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane  
 [[(2-ethylhexyl)oxy]methyl]oxirane

**Hazard statements**

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H317 May cause an allergic skin reaction.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH205 Contains epoxy constituents. May produce an allergic reaction.  
 EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.  
**vPvB:** Does not contain vPvB substances.

**Determination of endocrine-disrupting properties**

Does not contain substances with endocrine-disrupting properties.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

**Description:** Mixture consisting of the following components.

**Dangerous components:**

CAS: 14808-60-7	Silicon dioxide (Quartz sand)	50-80%
EINECS: 238-878-4	substance with a Community workplace exposure limit	

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CAS: 1675-54-3 EINECS: 216-823-5 Index number: 603-073-00-2 Reg.nr.: 01-2119456619-26-xxxx	2, 2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5% Eye Irrit. 2; H319: C ≥ 5% substance with a Community workplace exposure limit	≥ 4 - < 20%
Reg.nr.: 01-2119454392-40-xxxx	Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl)oxirane Alternative CAS number: 9003-36-5 ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥ 4 - < 20%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17-xxxx	Titanium dioxide ⚠ Carc. 2, H351, EUH211, EUH212 Note: V, W, 10 substance with a Community workplace exposure limit	0 - 5%
CAS: 2461-15-6 EINECS: 219-553-6 Reg.nr.: 01-2119962196-31-xxxx	[[(2-ethylhexyl)oxy]methyl]oxirane ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317 substance with a Community workplace exposure limit	1 - 5%

### SVHC

This product does not contain any Substances of Very High Concern on the Candidate List (according to REACH regulation (EC) No 1907/2006, article 57) in a concentration ≥ 0.1%/w.

### Additional information

The product contains silica sand composed of quartz (crystalline silica) with a fine fraction below 1%. The respirable fraction has an occupational exposure limit value (cf. section 8).

(CAS:13463-67-7) Titanium dioxide

Note 10 of CLP classification: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

For the wording of the listed hazard statements refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

Keep warm, position comfortably and cover well.

**After inhalation** Take affected persons into fresh air and keep quiet.

#### After skin contact

Immediately wash with water and soap and rinse thoroughly.

Remove contaminated gloves, clothing, footwear or other items and wash thoroughly before re-use.

If skin irritation continues, consult a doctor.

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### After eye contact

Rinse immediately and abundantly with water. Seek medical attention, if pain or redness persists. Remove contact lenses, if possible. Continue rinsing

**After swallowing** Seek medical treatment.

### 4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions

Irritation of the eye tissue, watery eyes

Irritation of the skin

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide (CO)

Hydrogen chloride (HCl)

### 5.3 Advice for firefighters

#### Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Avoid contact with skin and eyes.

Avoid inhalation of vapors.

Ensure adequate ventilation.

#### For non-emergency personnel

Use personal protective equipment.

Ensure sufficient ventilation.

Avoid contact with skin and eyes.

**For emergency responders** Wear protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow product to reach sewage system or any water course.

### 6.3 Methods and material for containment and cleaning up:

Collect liquid with absorbent material (sand / kieselguhr). Collect in a closed container.

Absorb liquid components with liquid-binding material.

Dispose of the material collected according to regulations.

Dispose of contaminated material as waste according to section 13.

### 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Do not breath vapours.

Ensure good ventilation/exhaustion at the workplace.

Do not drink or eat while working. Wash hands thoroughly before breaks and after finishing work.

Wash contaminated clothes before reusing them.

**Information about fire - and explosion protection:** No special measures required.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### Storage

##### Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Ensure sufficient ventilation for storage and work areas.

Store in a cool location.

**Information about storage in one common storage facility:** Store away from foodstuffs.

##### Further information about storage conditions:

Store receptacle in a well ventilated area.

Store in a cool place.

Keep container tightly sealed.

Store under lock and key and with access restricted to technical experts or their assistants only.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Ingredients with limit values that require monitoring at the workplace:

##### DNELs

##### CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

Oral	Derived No Effect Level	0.5 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.75 mg/kgxday (worker systemic long term value) 0.0893 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	4.93 mg/m <sup>3</sup> (worker systemic long term value) 0.87 mg/m <sup>3</sup> (consumer systemic long term value)

##### Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-(2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl)oxirane

Oral	Derived No Effect Level	6.25 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	104.15 mg/kgxday (worker systemic long term value) 6.25 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	29.39 mg/m <sup>3</sup> (worker systemic long term value) 8.7 mg/m <sup>3</sup> (consumer systemic long term value)

##### CAS: 13463-67-7 Titanium dioxide

Inhalative	Derived No Effect Level	1.25 mg/m <sup>3</sup> (worker local long term value)
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		0.21 mg/m <sup>3</sup> (consumer local long term value)
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**PNECs****CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane**

Predicted No-Effect Concentration 0.065 mg/kgxdwt (earth rating factor)

Predicted No-Effect Concentration 0.0006 mg/l (sea water rating factor)

0.006 mg/l (fresh water rating factor)

**CAS: 2461-15-6 [[(2-ethylhexyl)oxy]methyl]oxirane**

Predicted No-Effect Concentration 0.001 mg/kgxdwt (sea water rating factor)

Predicted No-Effect Concentration 0.007 mg/l (fresh water rating factor)

**CAS No. / Designation of material / % / Type / Value / Unit****CAS: 14808-60-7 Silicon dioxide (Quartz sand)**BOELV (European Union) Long-term value: 0.1\* mg/m<sup>3</sup>  
\*respirable fractionMAK (Germany) Short-term value: 0.4 mg/m<sup>3</sup>  
Long-term value: 0.05 mg/m<sup>3</sup>  
alveolengängige FraktionGV (Denmark) Short-term value: 0.6\* 0.2\*\* mg/m<sup>3</sup>  
Long-term value: 0.3\* 0.1\*\* mg/m<sup>3</sup>  
\*total; \*\*total, respirabel: EKLEP (Spain) Long-term value: 0.05 mg/m<sup>3</sup>  
\*Fracción resp:n,d,yTWA (Italy) Long-term value: 0.025 mg/m<sup>3</sup>  
A2, (j)VLE (Portugal) Long-term value: 0.025 mg/m<sup>3</sup>  
Resp.;A2; fibrose pulmonar; cancro do pulmãoOEL (Sweden) Long-term value: 0.1 mg/m<sup>3</sup>  
C, M, respirabel fraktionHTP (Finland) Long-term value: 0.05 0.1\* mg/m<sup>3</sup>  
alveolijae;\*sitovat raja-arvot, pöly**CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane**

MAK (Germany) vgl. Abschn. IIb

**CAS: 13463-67-7 Titanium dioxide**AGW (Germany) Long-term value: 1.25\* 10\*\* mg/m<sup>3</sup>  
2(II);\*alveolengängig\*\*eintatbar; AGS, DFG, YGV (Denmark) Short-term value: 12 mg/m<sup>3</sup>  
Long-term value: 6 mg/m<sup>3</sup>  
K, som TiLEP (Spain) Long-term value: 10 mg/m<sup>3</sup>TWA (Italy) Long-term value: 10 mg/m<sup>3</sup>  
A4VLE (Portugal) Long-term value: 10 mg/m<sup>3</sup>  
A4; Irritação do TRIOEL (Sweden) Long-term value: 5 mg/m<sup>3</sup>  
totaldamm

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**CAS: 2461-15-6** [[[(2-ethylhexyl)oxy]methyl]oxirane

MAK (Germany)	vgl. Abschn. IVe
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**Additional Occupational Exposure Limit Values for possible hazards during processing:**

Quartz respirable dust:

European Union: 0,1mg/m<sup>3</sup>

UK: 0,1 mg/m<sup>3</sup>

Ireland: 0,1 mg/m<sup>3</sup>

**8.2 Exposure controls**

**Appropriate engineering controls** Provide adequate ventilation.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Store protective clothing separately.

Take off contaminated clothing and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Ensure adequate ventilation during use.

Do not inhale gases / fumes / aerosols.

**Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when the ambient concentration is greater than the exposure limit value.

Filter A

Filter P2.

**Hand protection**

Protective gloves against chemicals (standard EN 374-1)

Check protective gloves prior to each use for their proper condition.

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Silver Shield®

Nitrile rubber, NBR

Butyl rubber, BR

Recommended thickness of the material: ≥ 0.3 mm

**Eye/face protection**

Protective eyewear (standard EN 166)

Tightly sealed goggles

**Body protection:** Protective work clothing.

**Thermal hazards** No further information available.

**Environmental exposure controls** Avoid release to the environment.

### SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

**General Information**

**Physical state**

Liquid

**Colour:**

According to product specification

**Odour:**

Characteristic

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<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Not applicable
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	0.4 Vol %
<b>Upper:</b>	4.7 Vol %
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Not miscible or difficult to mix
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Relative density</b>	Not determined.
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined.

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Liquid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Minimum ignition energy</b>	
<b>Solvent separation test:</b>	Not determined
<b>EU-VOC (%)</b>	0.0000 %
<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void

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Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** Not reactive under normal conditions of use

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

May produce violent reactions with bases and numerous organic substances including alcohols and amines

Exothermic polymerisation.

**10.4 Conditions to avoid** None under recommended storage and handling conditions (see section 7)

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:**

No hazardous decomposition products should be generated under normal storage and use conditions.

### SECTION 11: Toxicological information

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

Components	/	Type	/	Value	/	Species
<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>						
Oral	LD50	>15,000	mg/kg	(Rat)		
Dermal	LD50	>23,000	mg/kg	(Rat)		
<b>Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane</b>						
Oral	LD50	>5,000	mg/kg	(Rat)		
Dermal	LD50	>2,000	mg/kg	(Rat)		
<b>CAS: 13463-67-7 Titanium dioxide</b>						
Oral	LD50	>5,000	mg/kg	(Rat)		
<b>CAS: 2461-15-6 [(2-ethylhexyl)oxy]methyl]oxirane</b>						
Oral	LD50	>5,000	mg/kg	(Rat)		
Dermal	LD50	>4,000	mg/kg	(Rabbit)		

**Primary irritant effect:**

**Skin corrosion/irritation** Causes skin irritation.

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**Serious eye damage/irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Aquatic toxicity:** Harmful to aquatic life with long lasting effects.

Type of test / Effective concentration / Method / Assessment	
<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>	
LC50/96h	2 mg/l (Fish)
EC50/48h	1.8 mg/l (Daphnia magna)
EC50/72h	>11 mg/l (Algae)
NOEC (72h)	4.2 mg/l (Algae)
NOEC (21d)	0.3 mg/l (Daphnia magna)
<b>Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane</b>	
LC50/48h	2.55 mg/l (Fish)
EC50/48h	1.6-3.5 mg/l (Daphnia magna)
EC50/72h	1.8 mg/l (Algae)
NOEC (21d)	0.3 mg/l (Daphnia magna)
<b>CAS: 13463-67-7 Titanium dioxide</b>	
LC50/72h	1 mg/l (Fish)
LC50/48h	>100 mg/l (aquatic invertebrates)
LC50/96h	>100 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)
EC50/72h	>100 mg/l (Algae)
NOEC (72h)	≥10 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	≥1 mg/l (aquatic plants other than algae)
NOEC (21d)	≥100 mg/l (aquatic invertebrates)
NOEC (28d)	≥100 mg/l (aquatic invertebrates)
	≥0.07 mg/l (Fish)
<b>CAS: 2461-15-6 [[(2-ethylhexyl)oxy]methyl]oxirane</b>	
LC50/96h	>5,000 mg/l (Fish)
NOEC (72h)	500 mg/l (aquatic algae and cyanobacteria)

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NOEC (96h)	>5,000 mg/l (Fish)
NOEC (48h)	1.8 mg/l (aquatic invertebrates)
NOEC (28d)	100 mg/l (microorganisms)

**12.2 Persistence and degradability** No further relevant information available.

### 12.3 Bioaccumulative potential

**CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane**

EBAB | 3.242 log Pow

**Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane**

EBAB | 3.6 log Pow (Bioaccumulation)

**CAS: 2461-15-6 [(2-ethylhexyl)oxy]methyl]oxirane**

EBAB | 3.83 log Pow

**12.4 Mobility in soil** No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

### 12.7 Other adverse effects

**Remark:** Harmful to fish

### Behaviour in sewage processing plants:

#### Type of test / Effective concentration / Method / Assessment

**CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane**

EC 50 (3h) | 100 mg/l (microorganisms)

**Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane**

EC 50 (3h) | 100 mg/l (Activated sludge)

**CAS: 13463-67-7 Titanium dioxide**

EC 50 (3h) | 1,000 mg/l (microorganisms)

### Additional ecological information:

#### General notes:

Do not allow product to reach ground water, water course or sewage system.

Harmful to aquatic organisms

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation

Dispose of the product in accordance with national and local regulations.

Do not abandon the product and/or the container but dispose the content/container in a waste collection point.

Must be recycled in facilities authorized for the waste codes mentioned in this Safety Data Sheet.

Must be disposed of in an incinerator for hazardous waste according to official regulations.

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European waste catalogue	
HP4	Irritant - skin irritation and eye damage
HP14	Ecotoxic

**Uncleaned packaging:**

**Recommendation:**

Disposal must be made according to official regulations.

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Uncleaned packaging should be treated with the same precautions as the material.

### SECTION 14: Transport information

<b>14.1 UN number or ID number</b> ADR, ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Directive 2008/98/EC on waste, as amended (EU Waste Framework Directive)

Directive 2004/42/EC (VOC), cf. section 9

**Labelling according to Regulation (EC) No 1272/2008** cf. section 2

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

<b>REGULATION (EU) 2017/852 on mercury (Annex I)</b>
None of the ingredients is listed.
<b>REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)</b>
None of the ingredients is listed.

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**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**Regulation (EU) No 649/2012**

None of the ingredients is listed.

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**REGULATION (EU) 2024/590 on substances that deplete the ozone layer**

None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**Relevant phrases**

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H411 Toxic to aquatic life with long lasting effects.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

**Classification according to Regulation (EC) No 1272/2008**

Skin corrosion/irritation

Serious eye damage/irritation

Skin sensitisation

Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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**Department issuing SDS:** Technical department

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**Date of previous version:** 30.08.2024

**Version number of previous version:** 11

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**\* Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.